

Figure 1

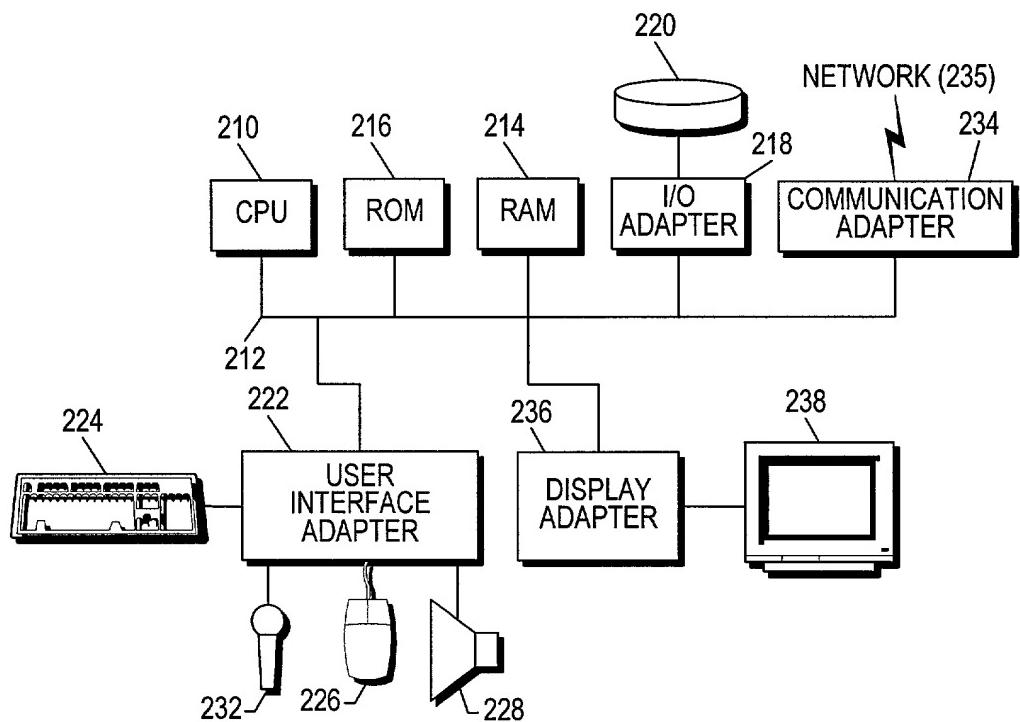


Figure 2

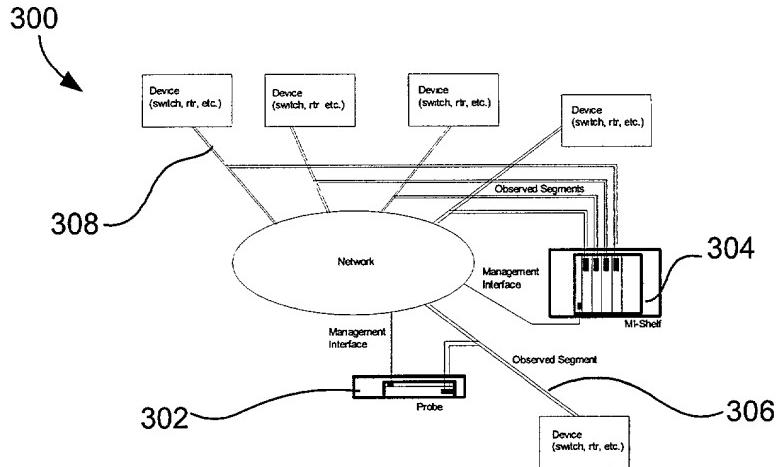


Figure 3

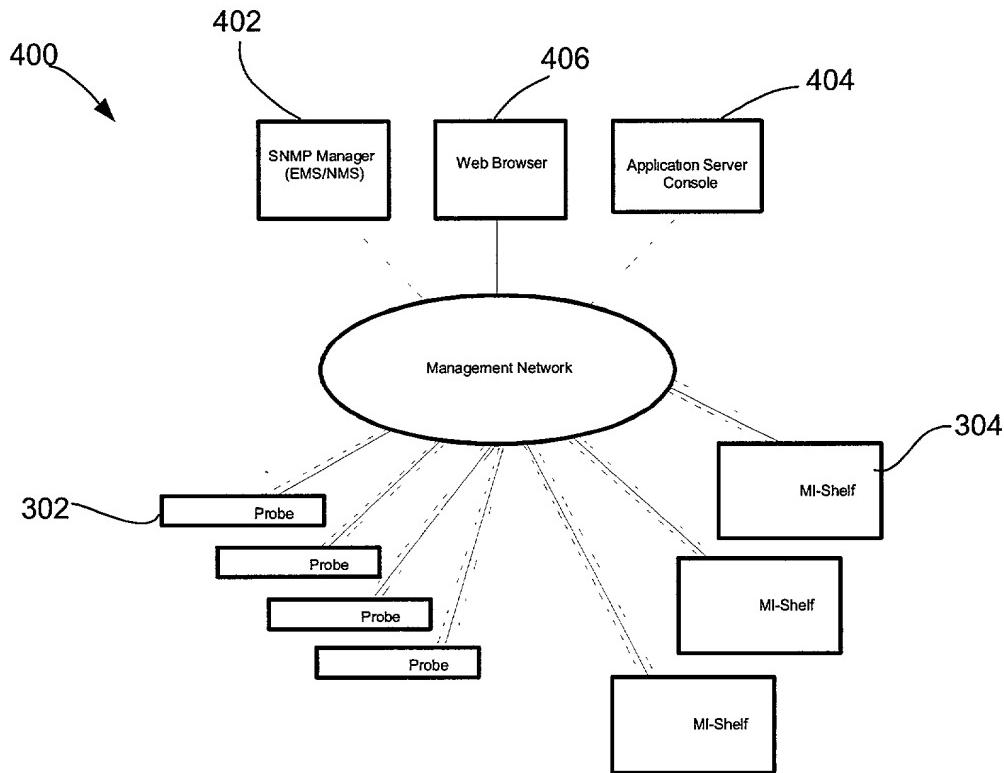


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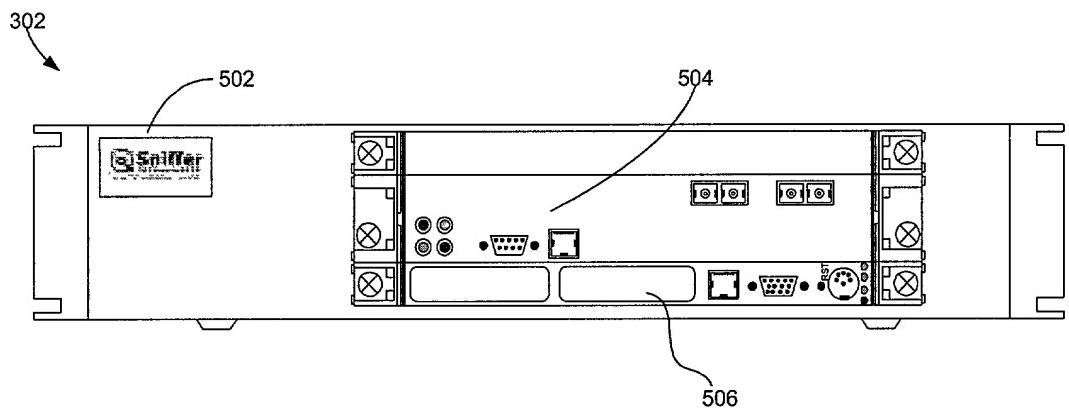


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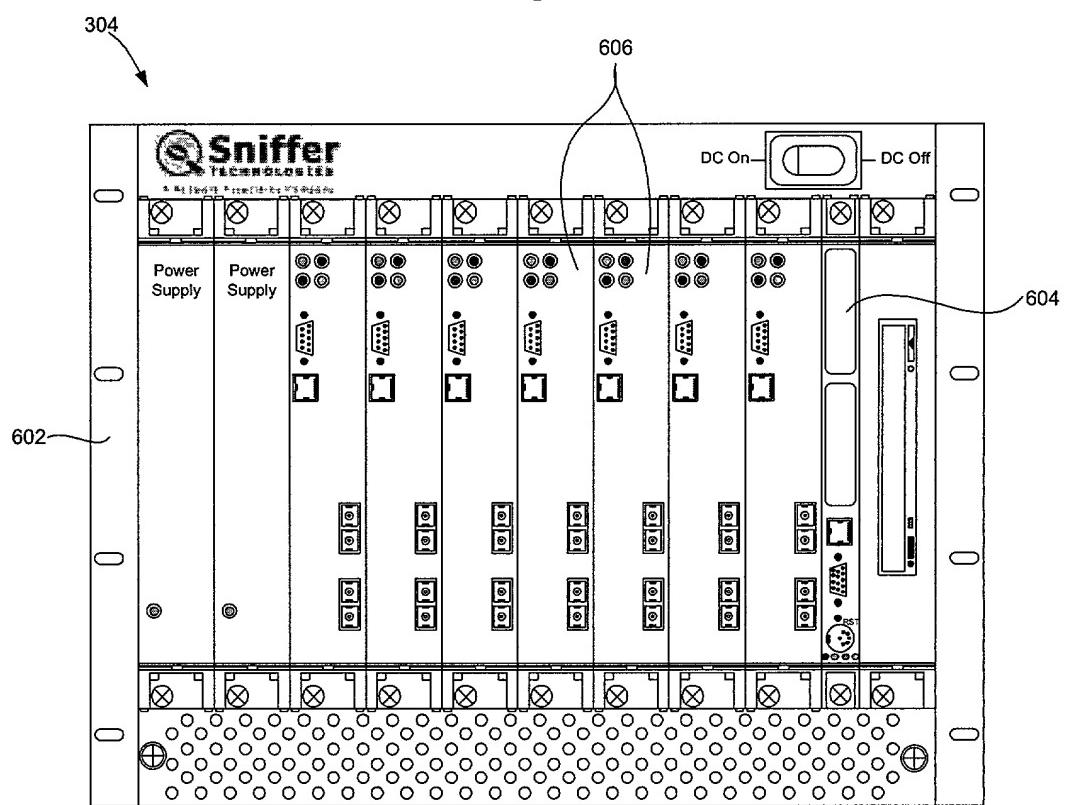


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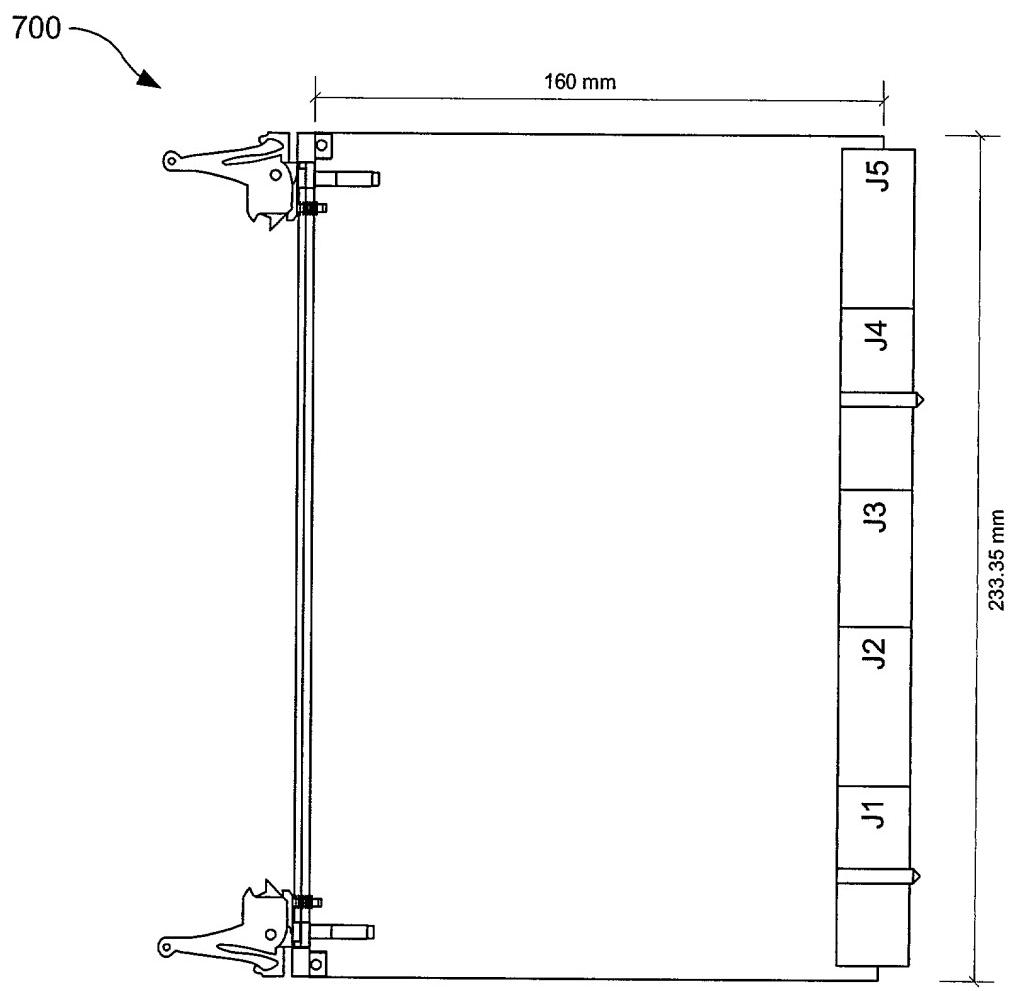


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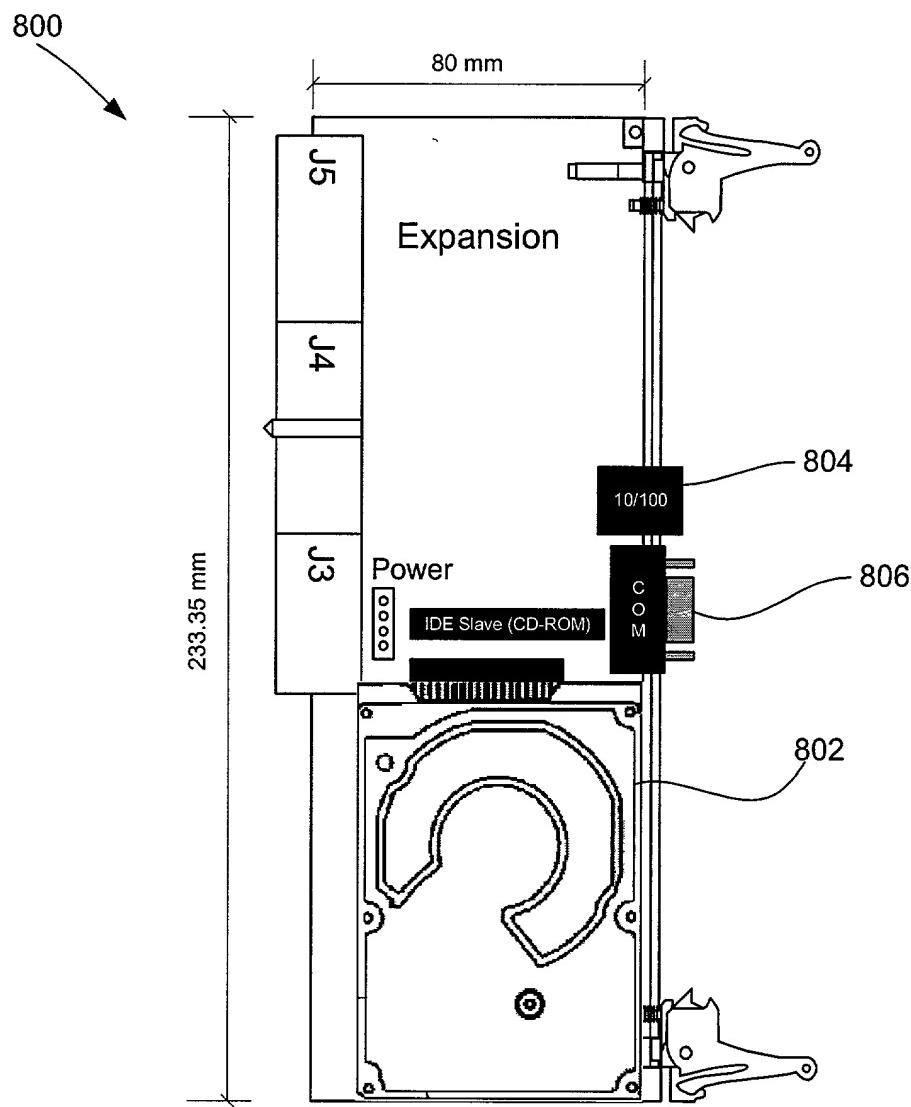


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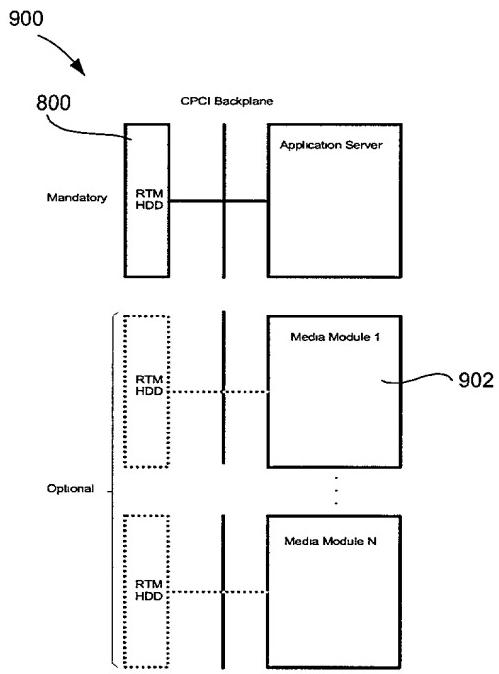


Figure 9A

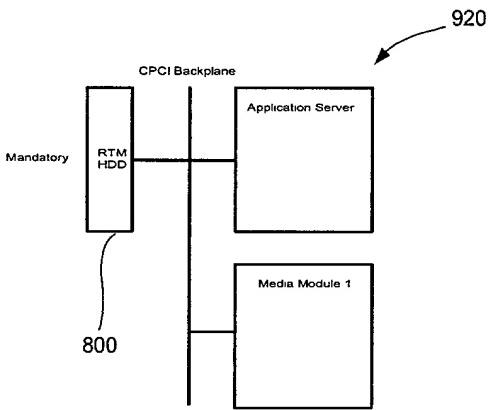


Figure 9B

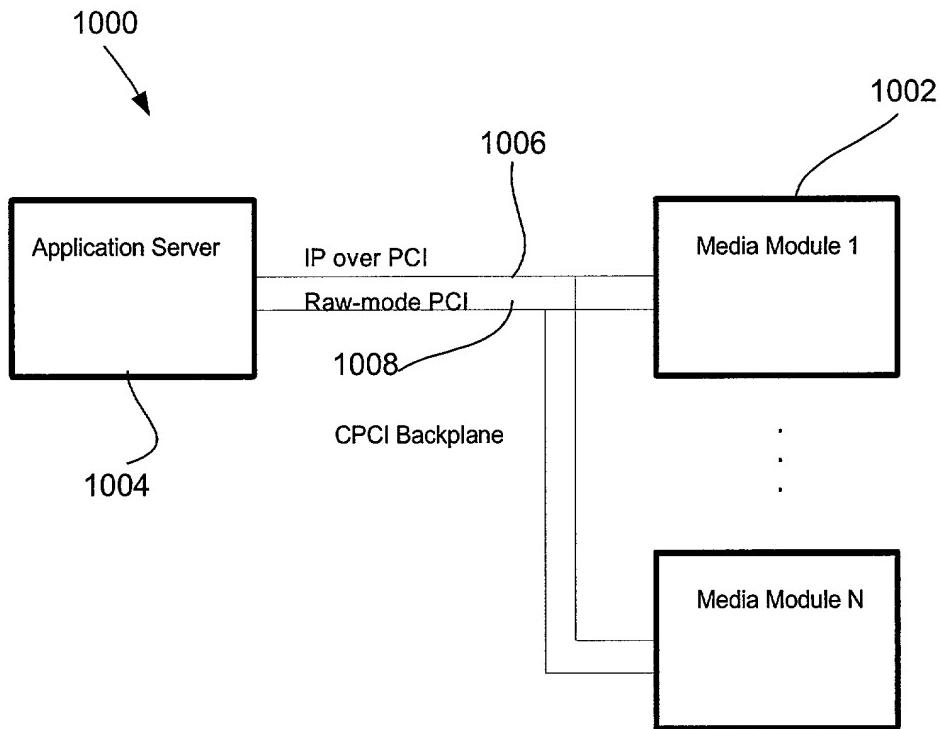


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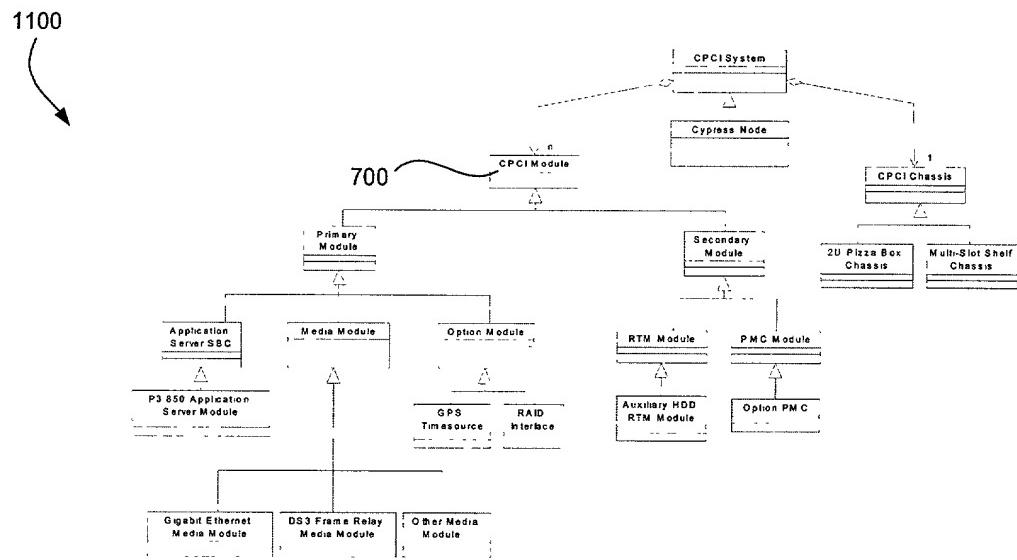


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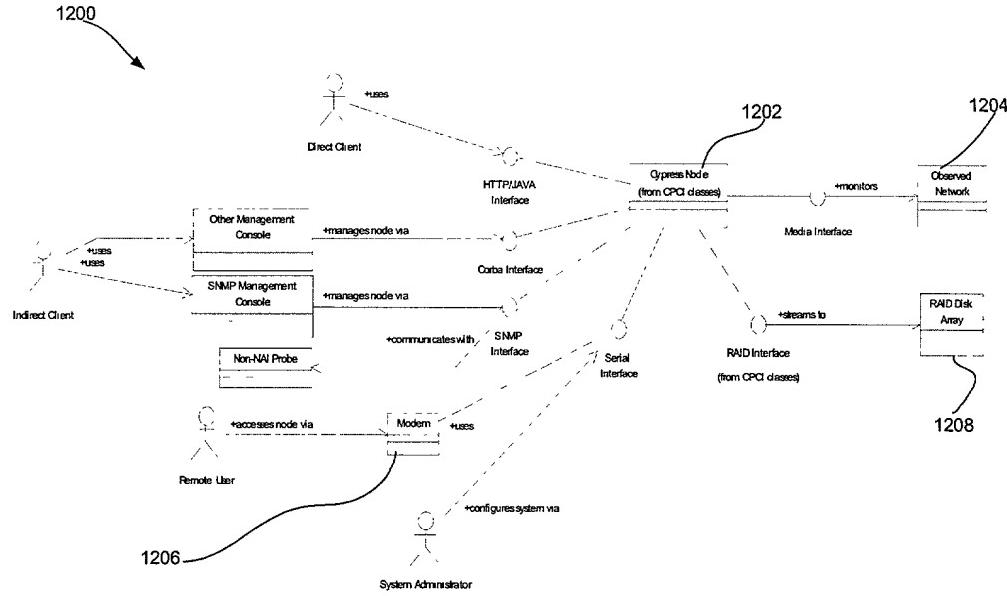


Figure 12

1300

User Class	Operations Allowed
Network Administrators	System turn-up & configuration, add users, etc.
Business Users (CIO)	View reports, trends, accounting info, etc.
Security Managers	Access users e-mail, web activity, policies, etc.
Network Planners	Access to capacity, trend, load & distribution info.
Network Managers	General access to all but security related.
Network Technicians	Access to diagnostics, alarms, trace files, etc.

Figure 13

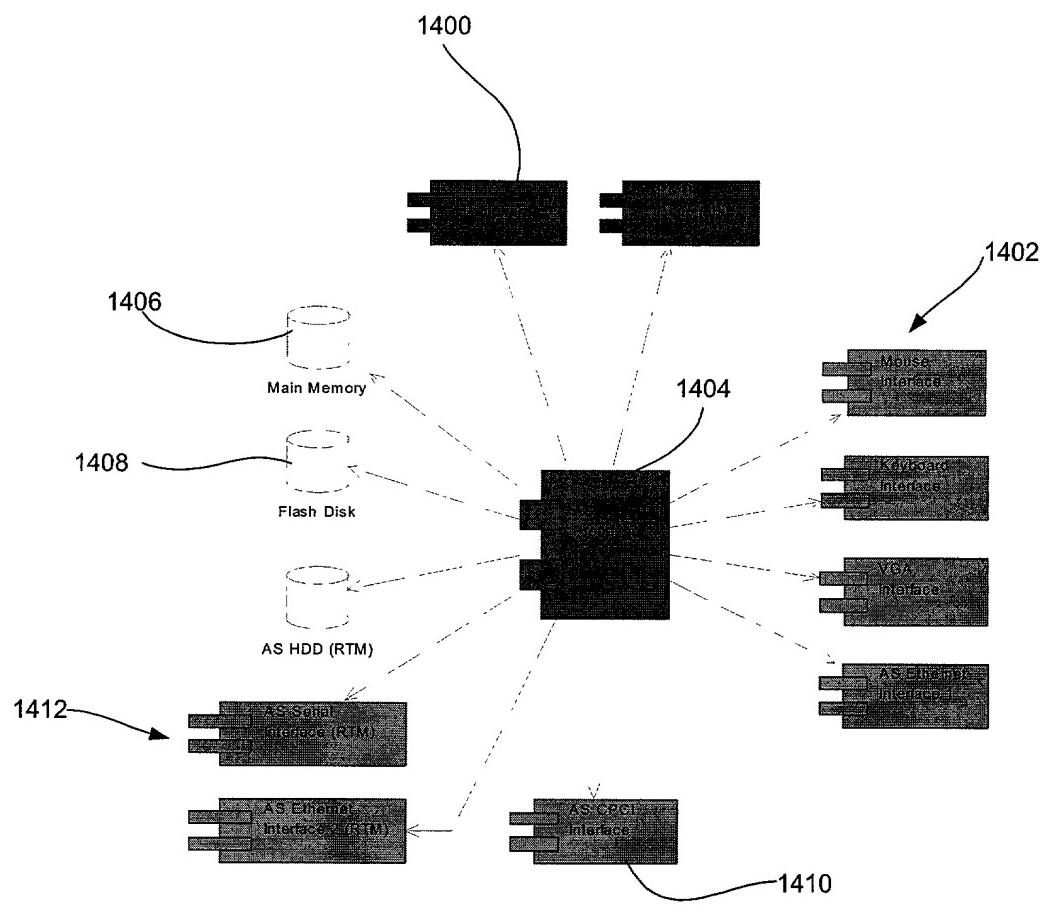


Figure 14

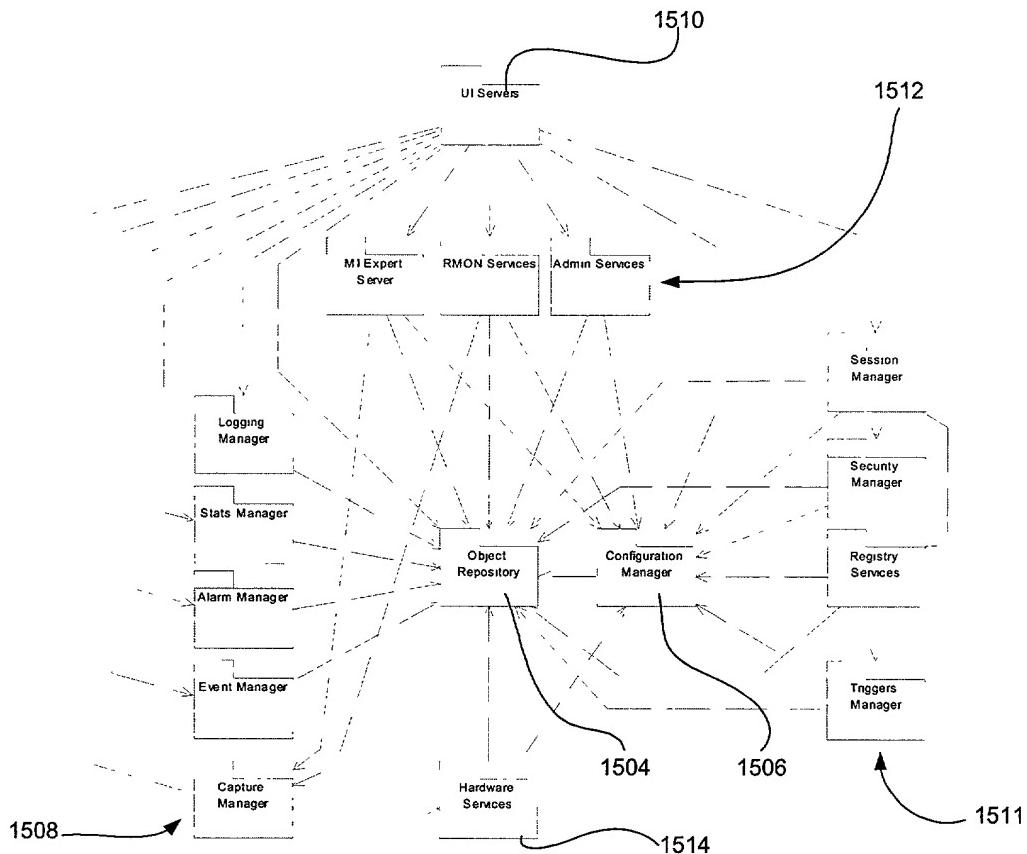


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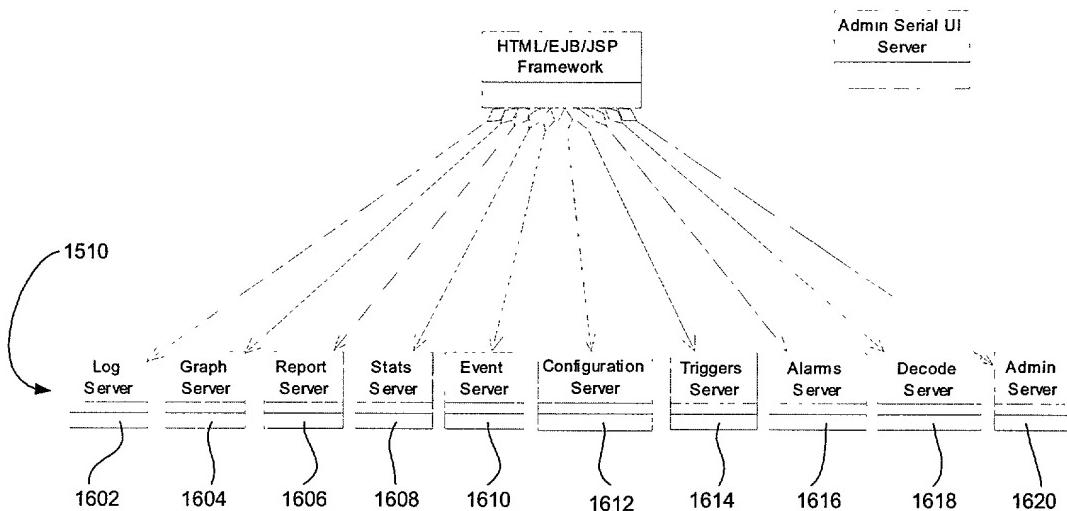


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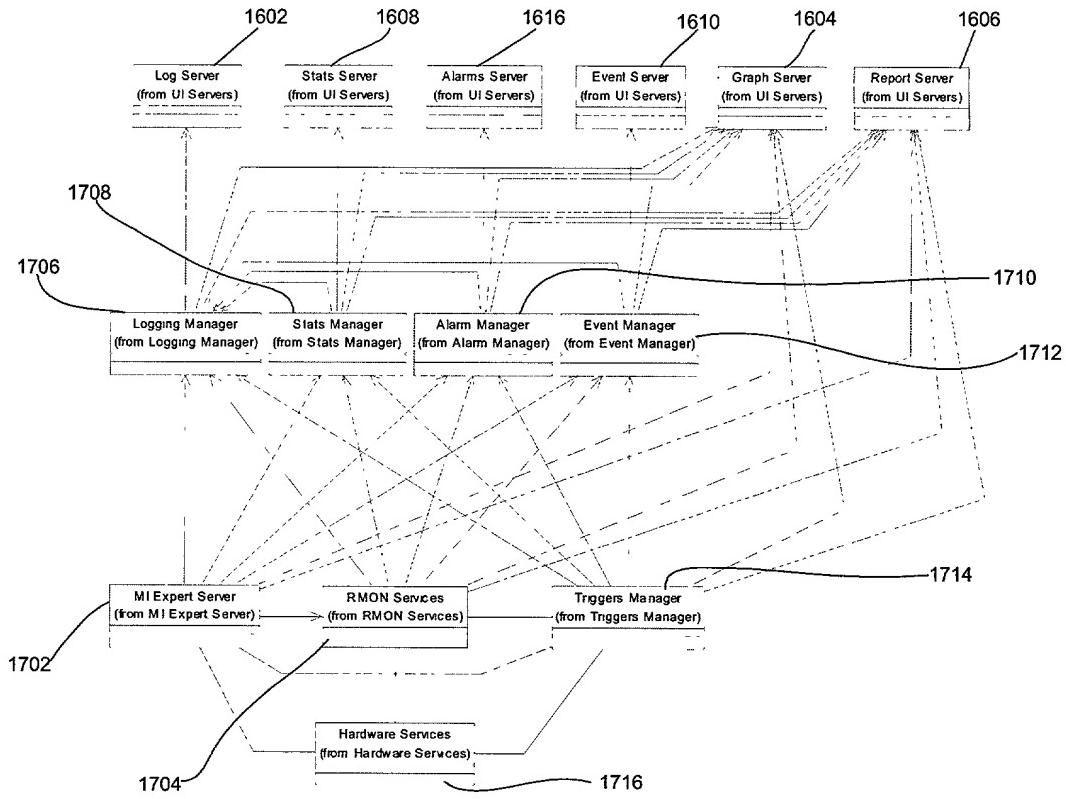


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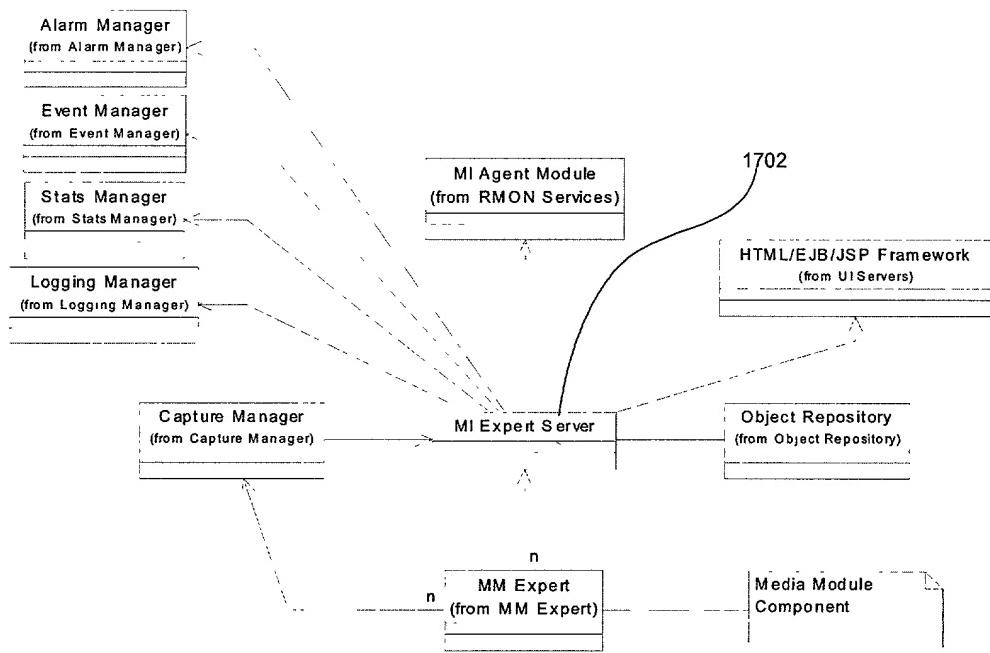


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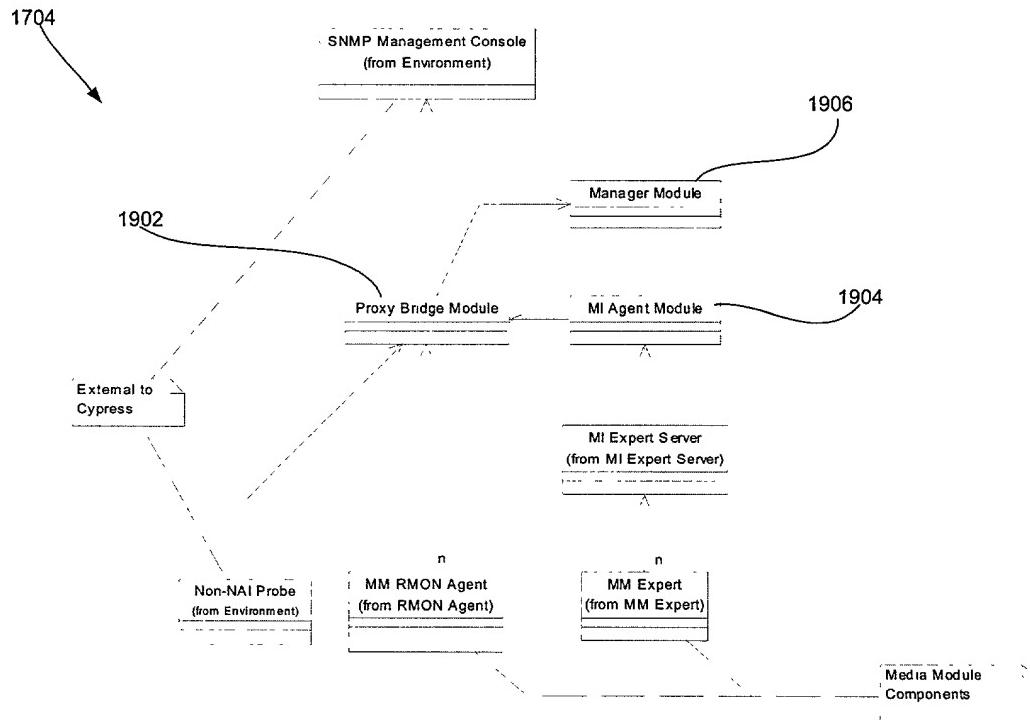


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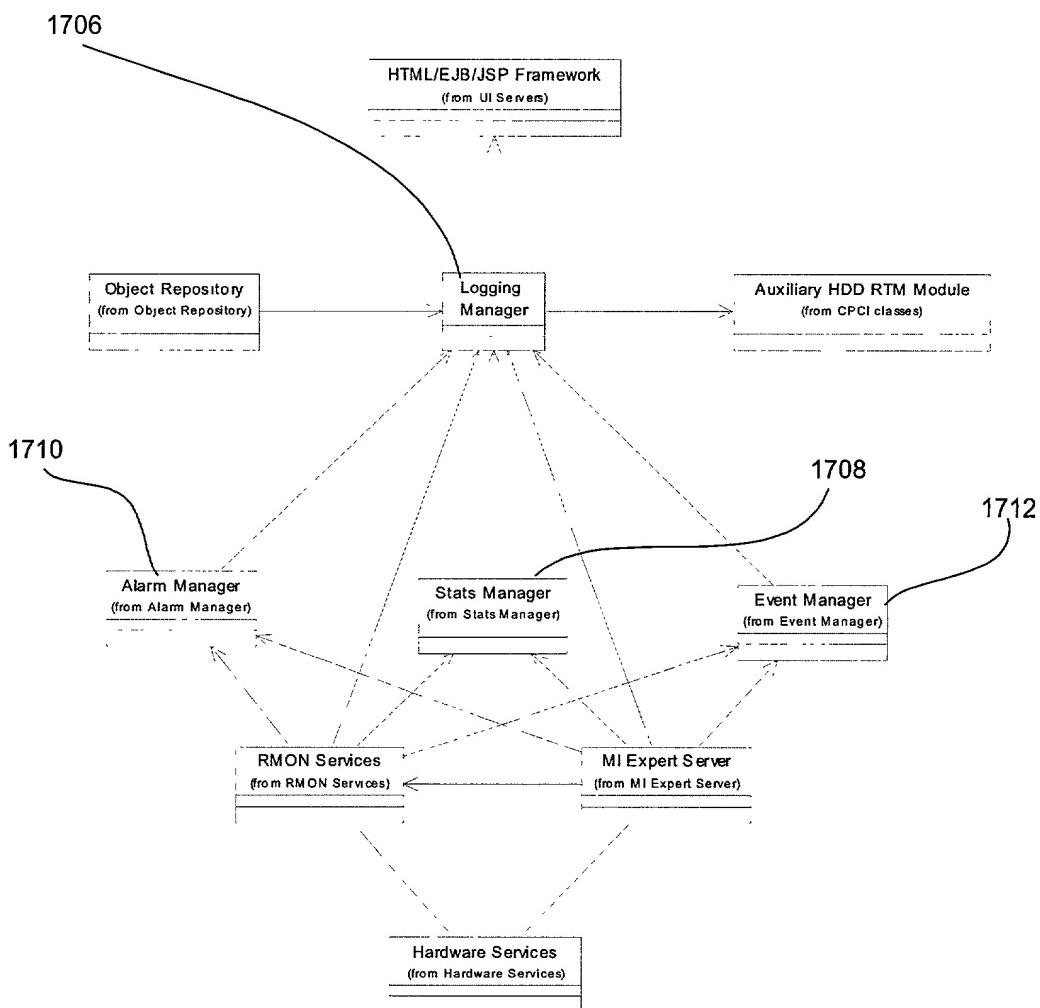


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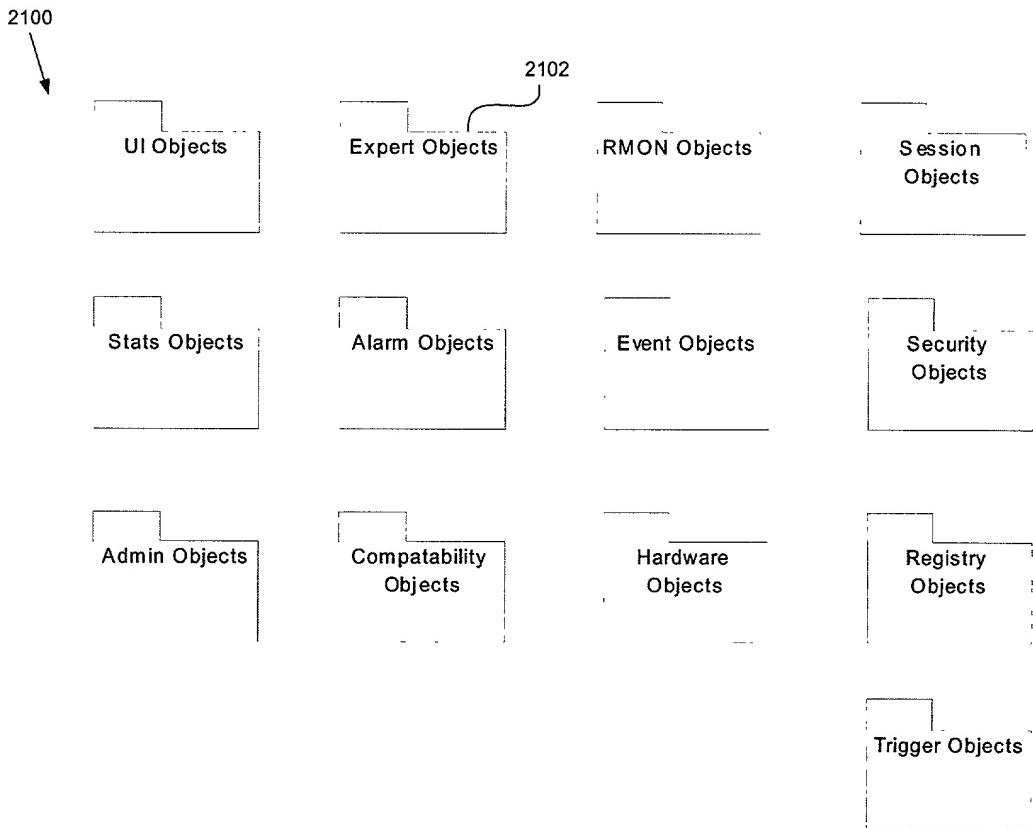


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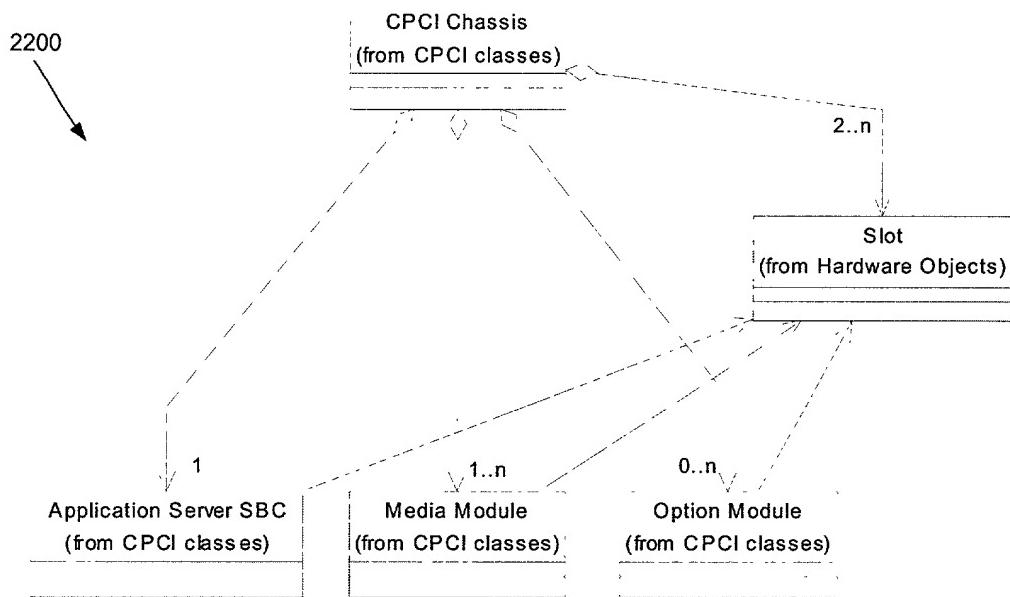


Figure 22A

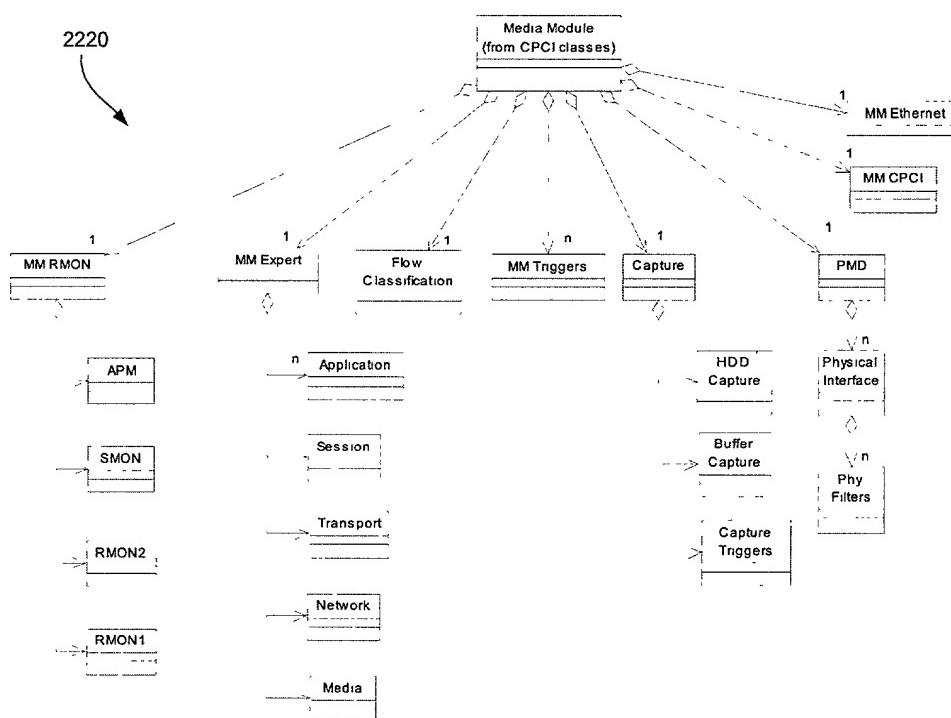
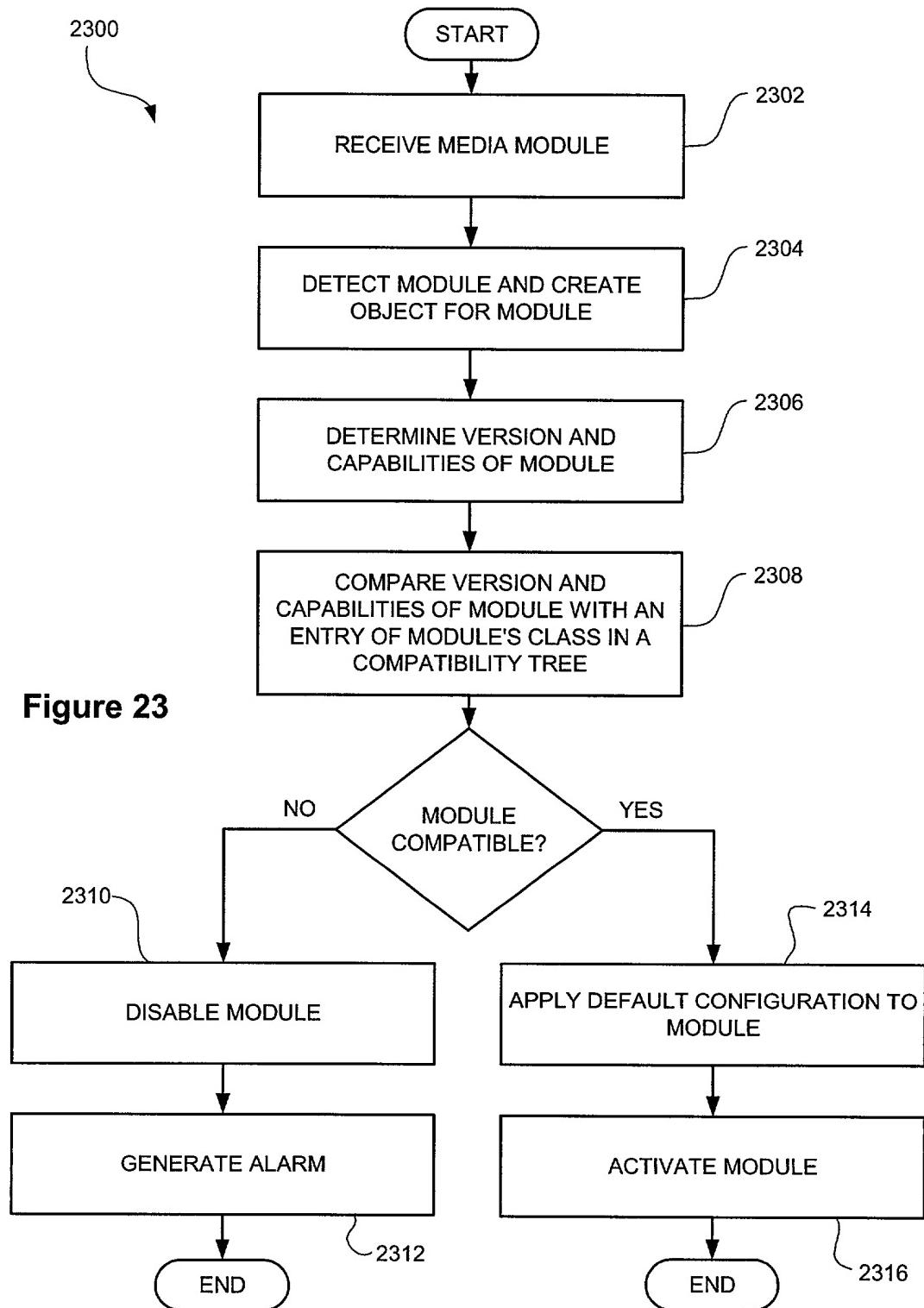


Figure 22B



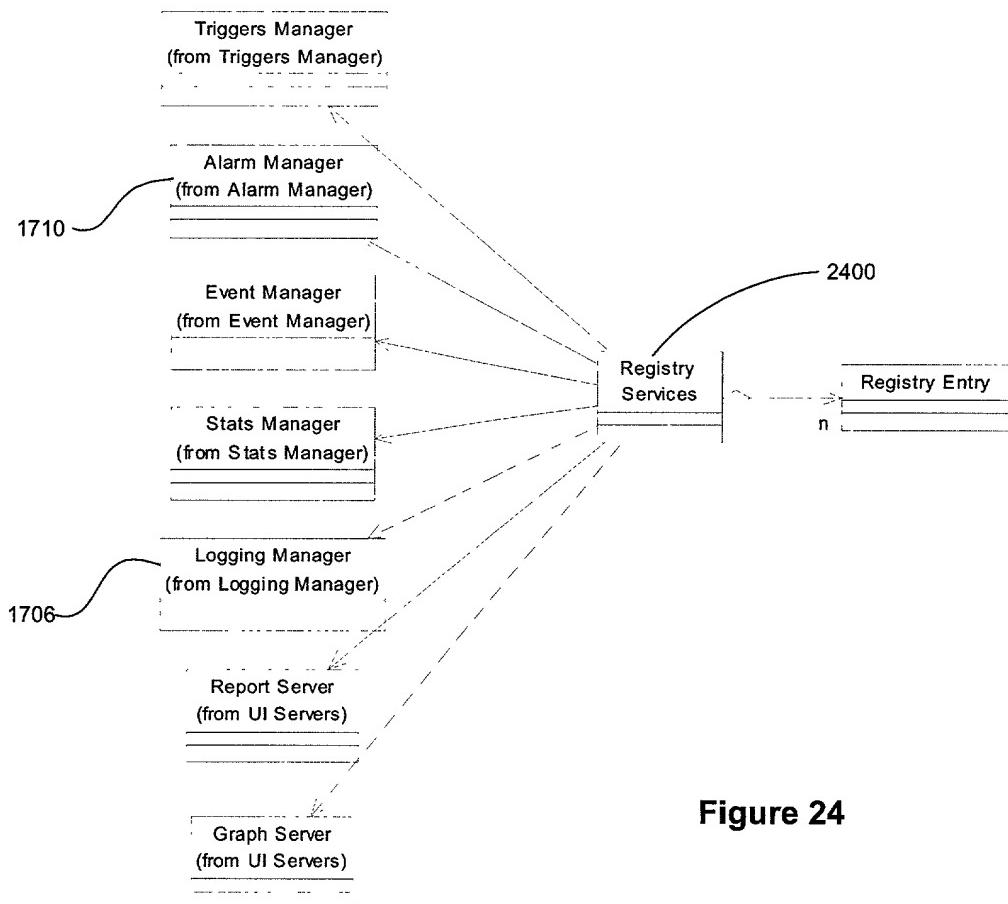


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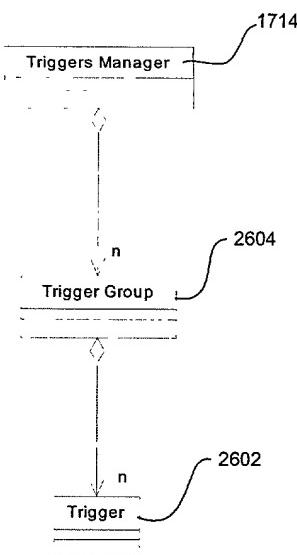
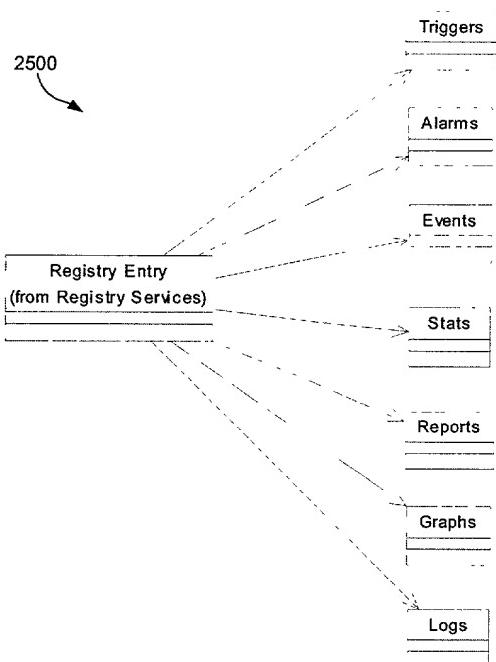


Figure 25

Figure 26

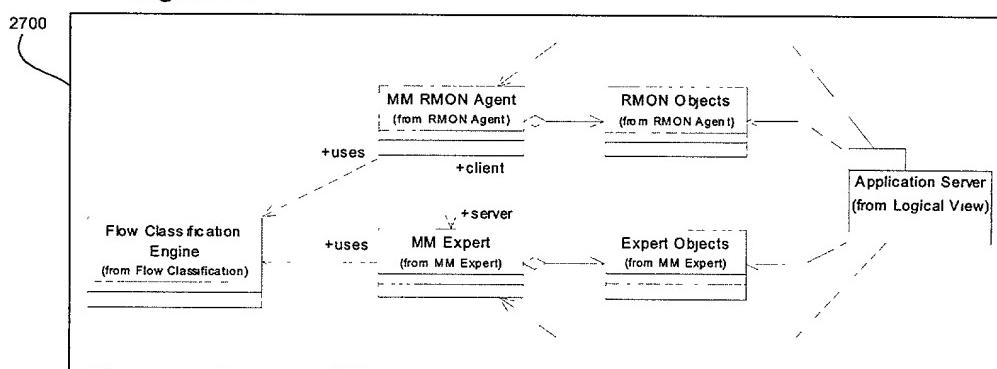


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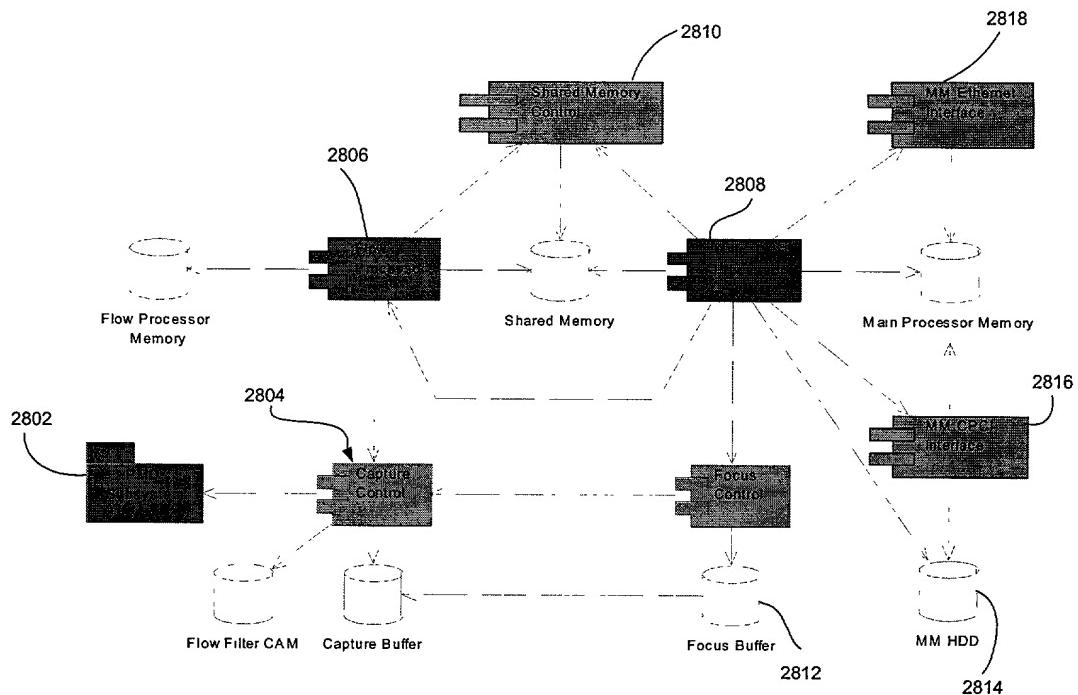


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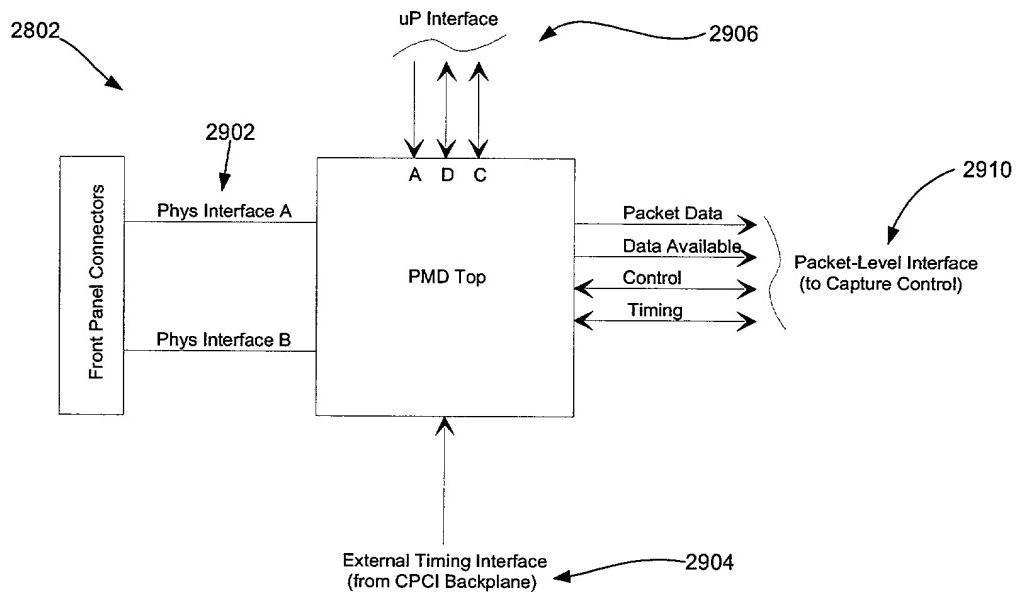


Figure 29

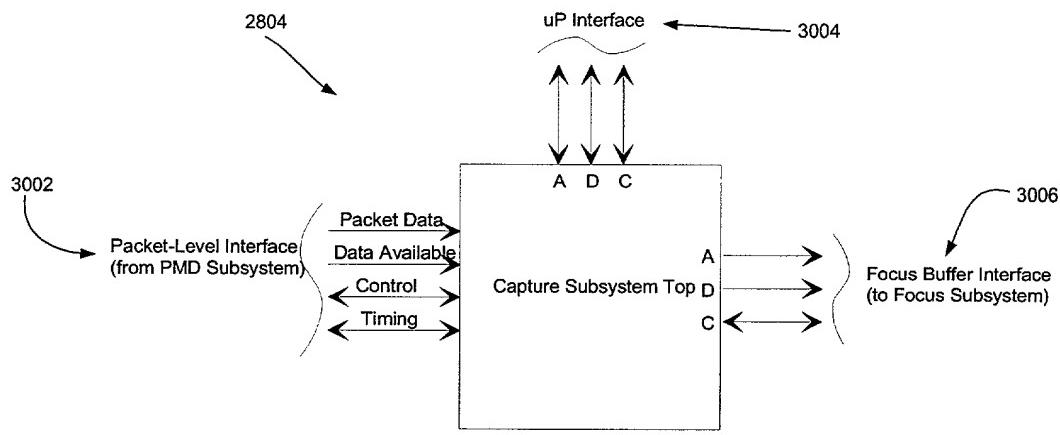


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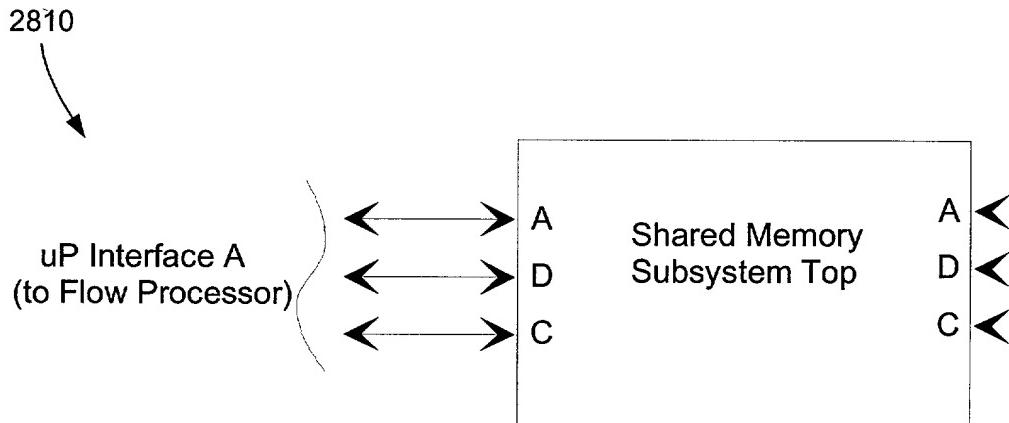


Figure 31

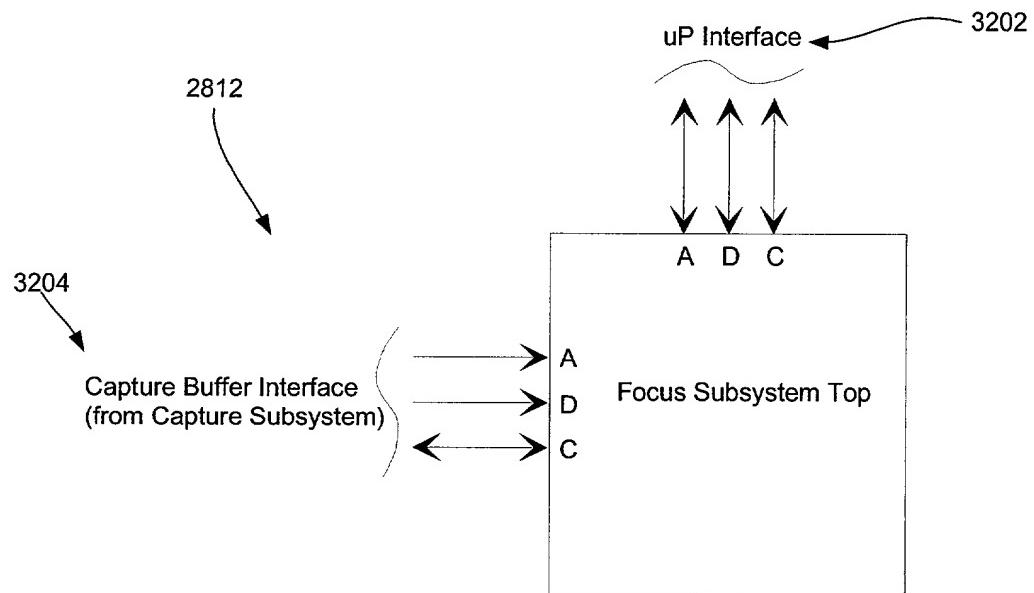


Figure 32

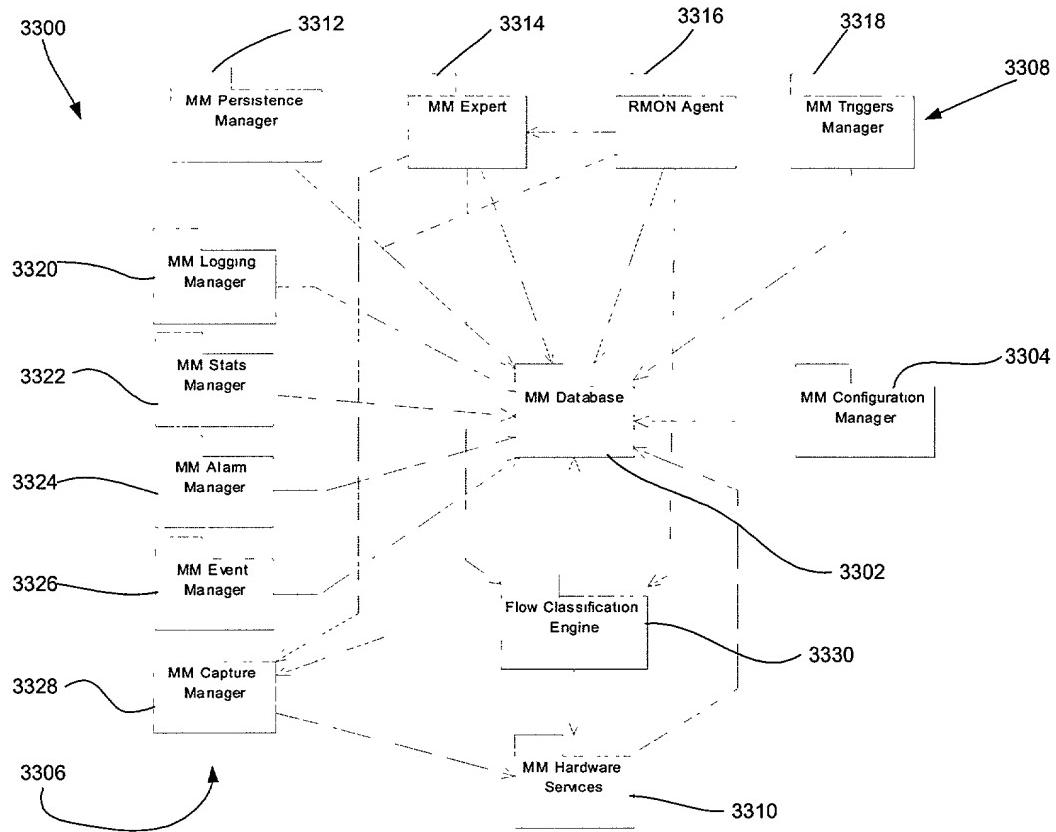


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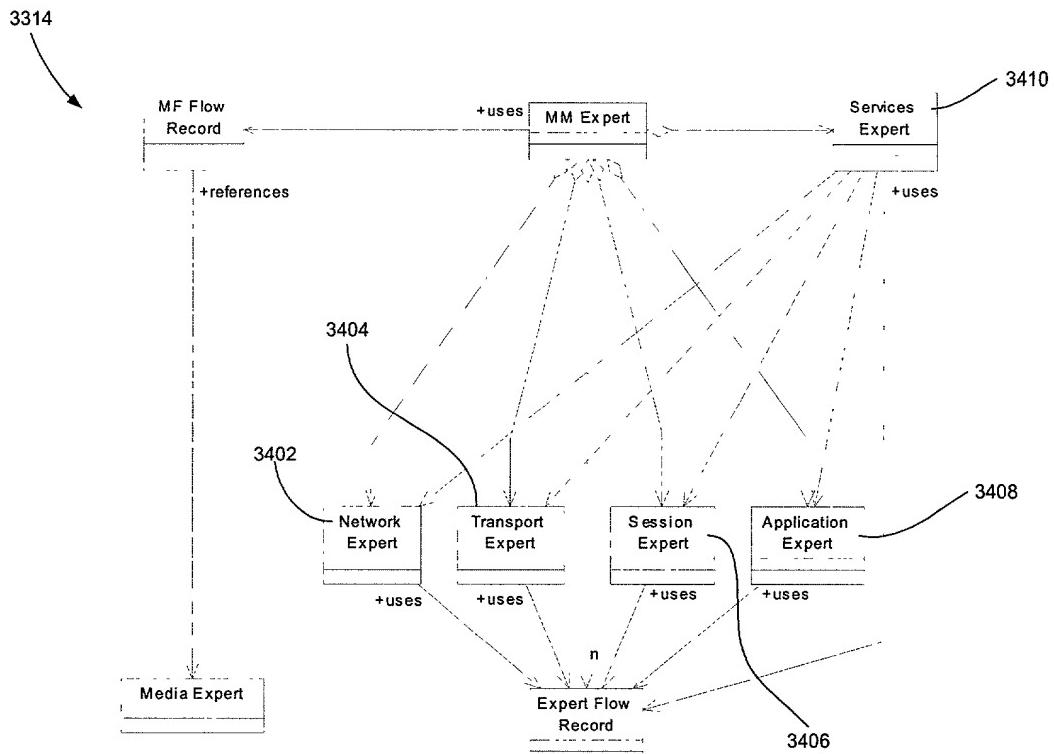


Figure 34

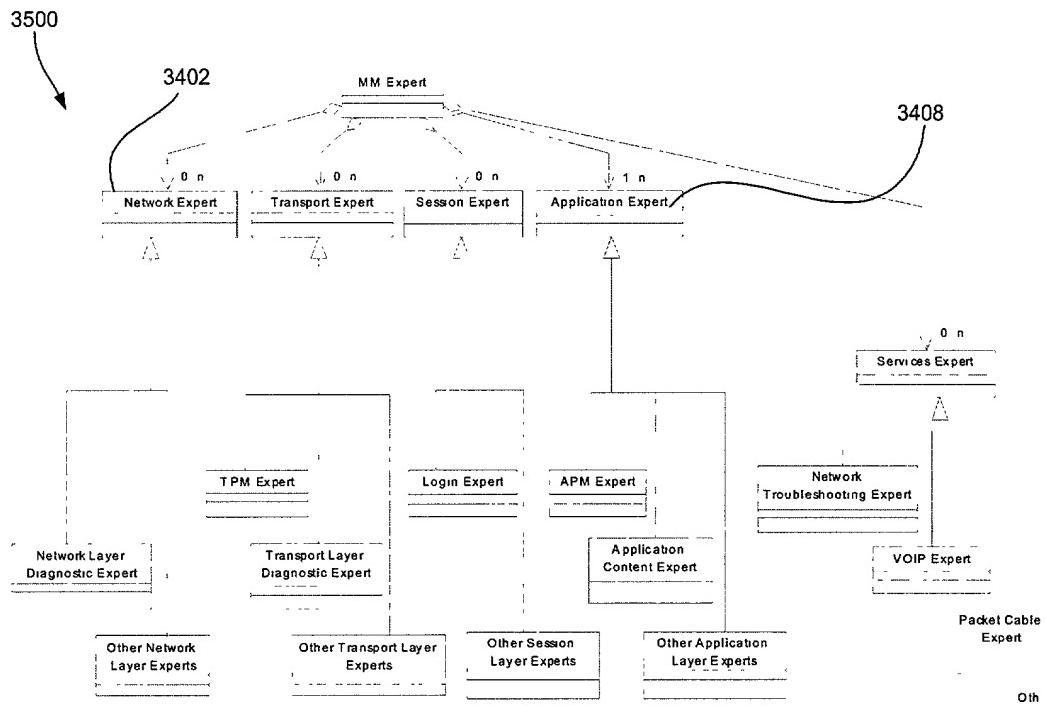


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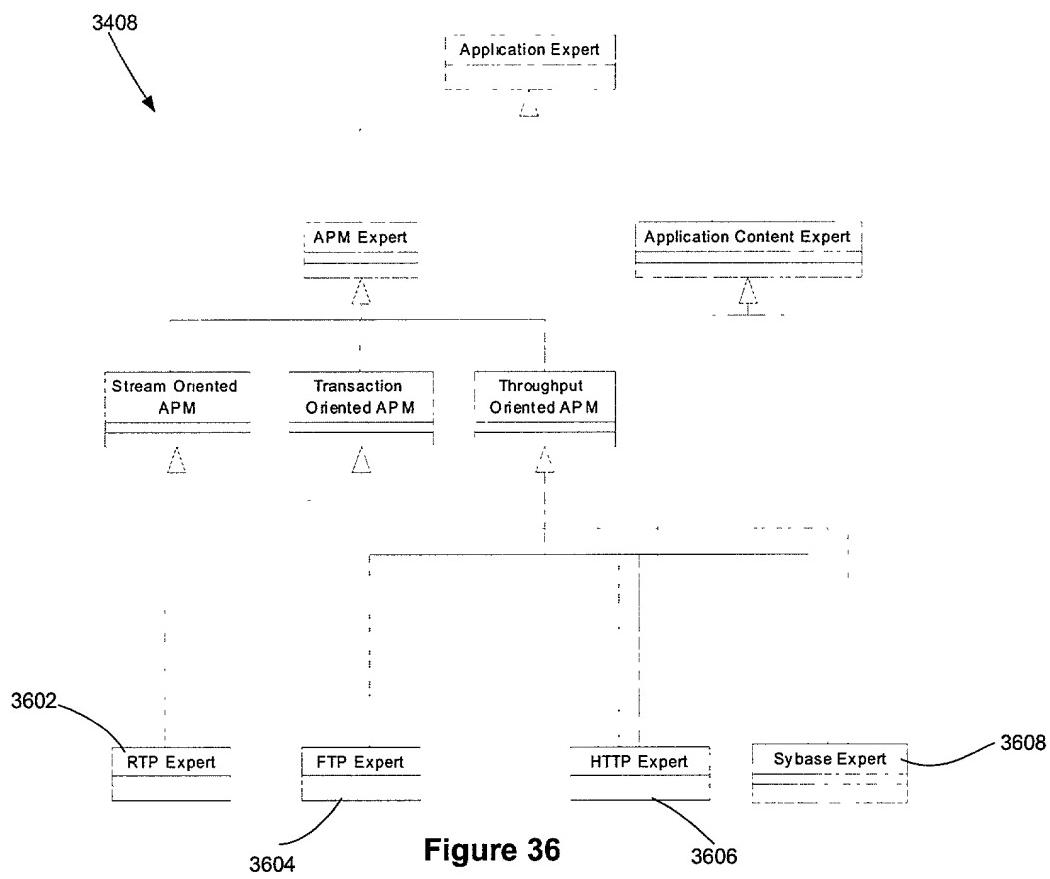


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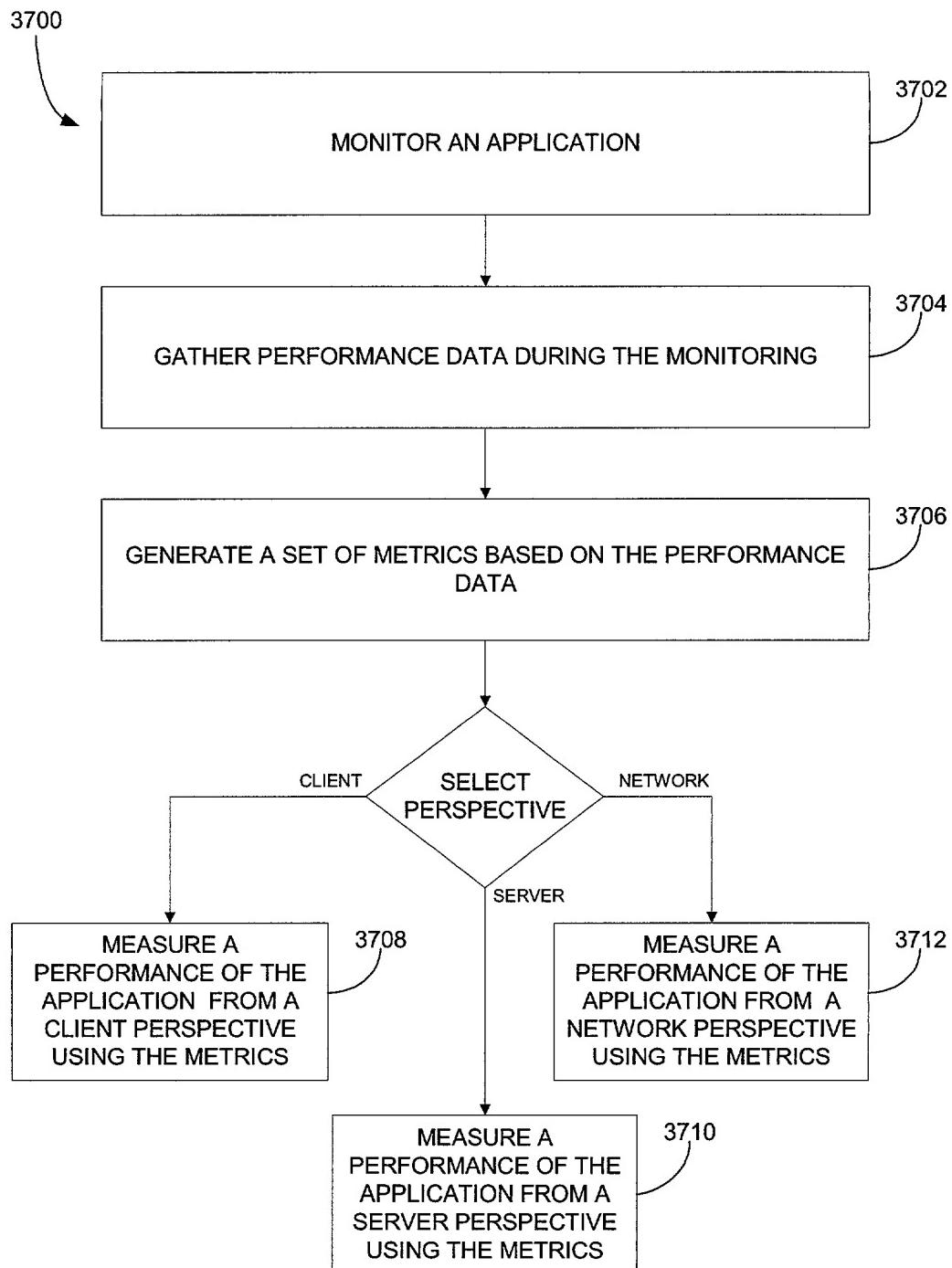


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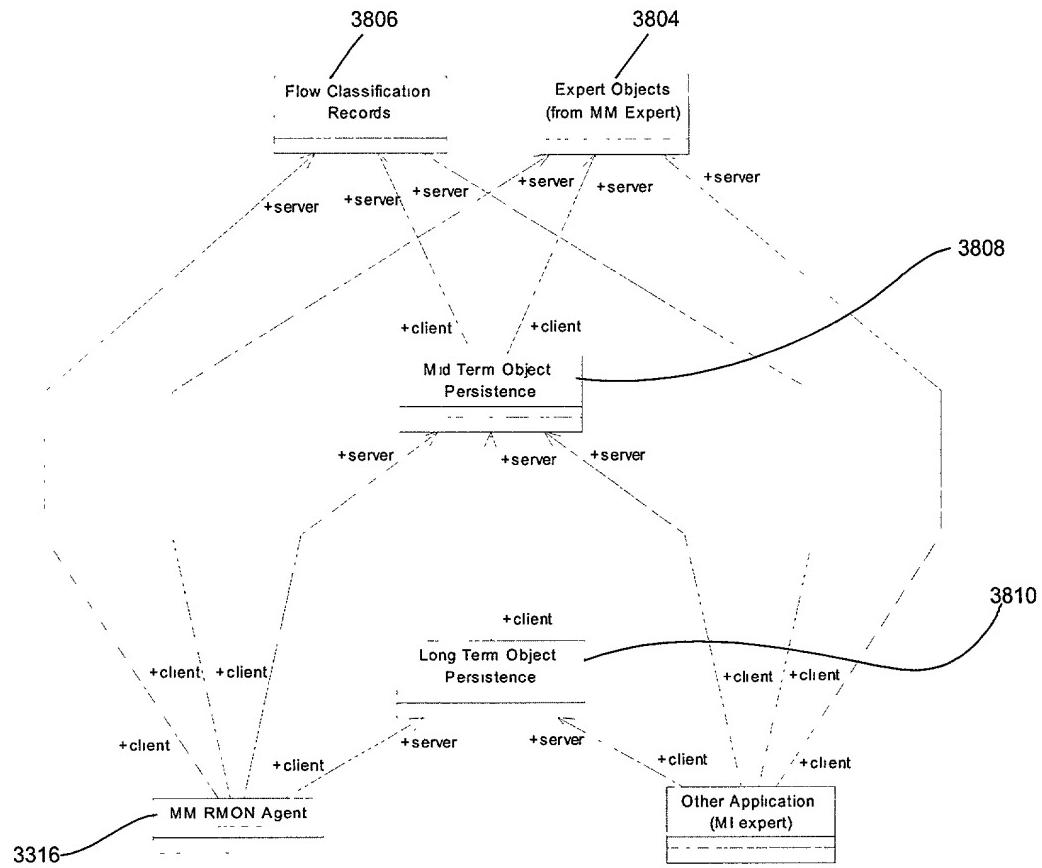


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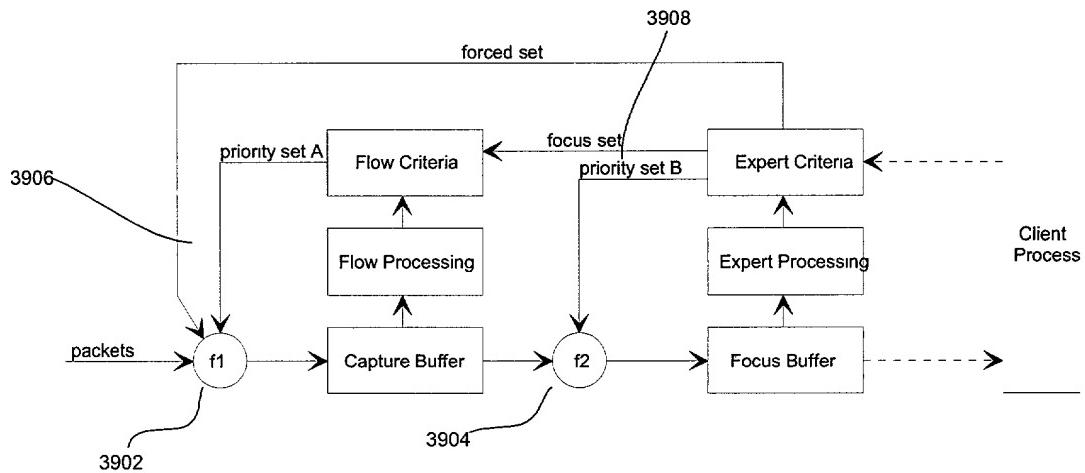


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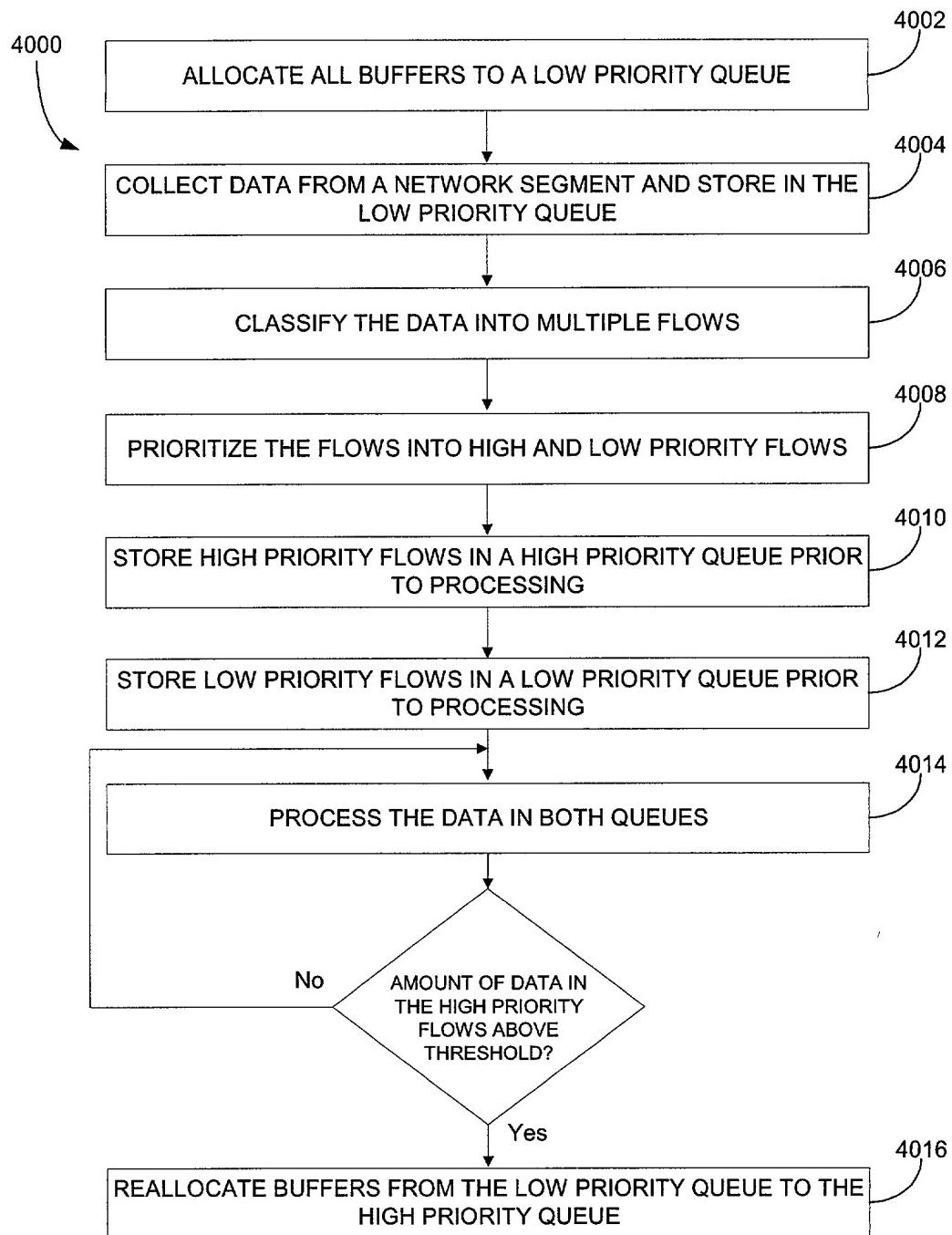


Figure 40

LEGEND

- 1) Packet transferred to capture control
 2) Address compared in CAM
 3) If entry match: priority queue, else: normal queue
 4) Notify flow processor of entry
 5) Flow proc retrieves pkt & classifies
 6) Flow record updated in shared mem, expert include flag checked
 7) If headroom, add addr to priority CAM
 8) If expert include flag set in flow record, initiate DMA to focus buffer
 9) Write parse descriptor to shared mem
 10) Expert retrieves parse descriptor
 11) Expert retrieves flow record
 12) Expert retrieves packet from focus buf
 13) Expert builds/updates object(s)
 14) Expert sets include flag in flow record (if interesting)
 15) Object is persisted, packet is prepended and persists
 16) Event/object descriptor built for app svr (optional)
 17) Descriptor retrieved by app svr (optional)
 18) Objects or packets are retrieved by app svr (optional)

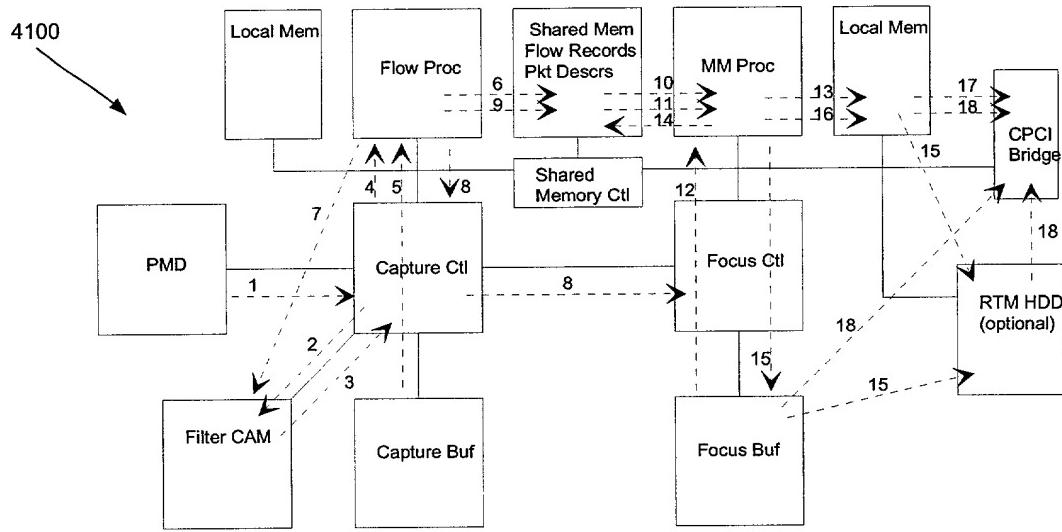


Figure 41

4200

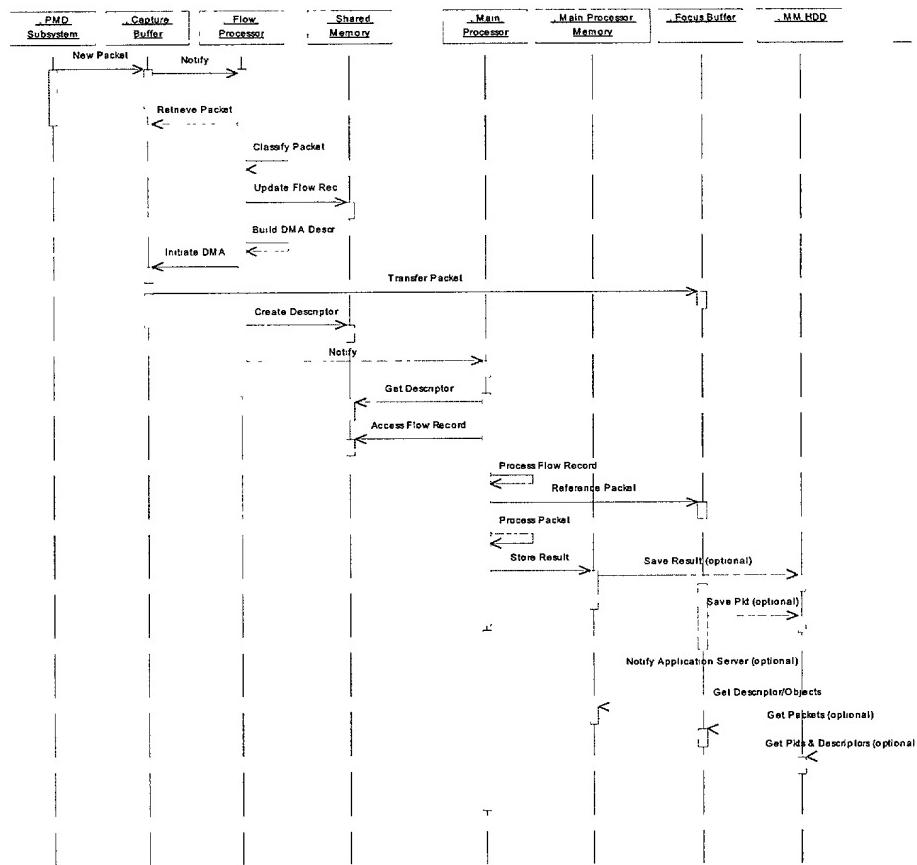


Figure 42